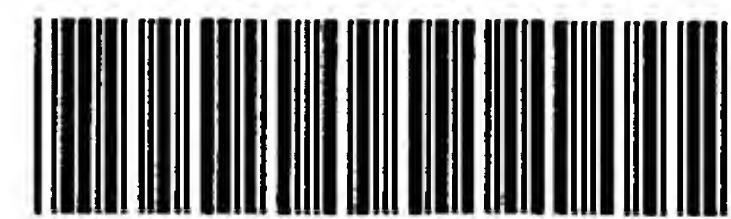


## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/594, 262  
Source: JFWP  
Date Processed by STIC: 10/10/2006

***ENTERED***



IFWP

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/594,262

DATE: 10/10/2006  
TIME: 14:51:56

Input Set : A:\PTO.KD.txt  
Output Set: N:\CRF4\10102006\J594262.raw

3 <110> APPLICANT: Friedrich-Alexander-Universit, t Erlangen-Nornberg  
5 <120> TITLE OF INVENTION: Peptide-based method for monitoring gene expression in a  
host  
6 cell  
8 <130> FILE REFERENCE: H1776 PCT  
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/594,262  
C--> 10 <141> CURRENT FILING DATE: 2006-09-25  
10 <150> PRIOR APPLICATION NUMBER: EP 04 00 7278.7  
11 <151> PRIOR FILING DATE: 2004-03-26  
13 <150> PRIOR APPLICATION NUMBER: US 60/570,497  
14 <151> PRIOR FILING DATE: 2004-05-13  
16 <160> NUMBER OF SEQ ID NOS: 17  
18 <170> SOFTWARE: PatentIn version 3.3  
20 <210> SEQ ID NO: 1  
21 <211> LENGTH: 17  
22 <212> TYPE: PRT  
23 <213> ORGANISM: Artificial  
25 <220> FEATURE:  
26 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
27 affinity to the Tet repressor"  
29 <400> SEQUENCE: 1  
31 Met Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser Gly Gly Gly  
32 1 5 10 15  
35 Ser  
39 <210> SEQ ID NO: 2  
40 <211> LENGTH: 16  
41 <212> TYPE: PRT  
42 <213> ORGANISM: Artificial  
44 <220> FEATURE:  
45 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
46 affinity to the Tet repressor"  
48 <400> SEQUENCE: 2  
50 Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser Gly Gly Ser  
51 1 5 10 15  
54 <210> SEQ ID NO: 3  
55 <211> LENGTH: 12  
56 <212> TYPE: PRT  
57 <213> ORGANISM: Artificial  
59 <220> FEATURE:  
60 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
61 affinity to the Tet repressor"  
63 <400> SEQUENCE: 3  
65 Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser  
66 1 5 10

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/594,262

DATE: 10/10/2006  
TIME: 14:51:56

Input Set : A:\PTO.KD.txt  
Output Set: N:\CRF4\10102006\J594262.raw

69 <210> SEQ ID NO: 4  
70 <211> LENGTH: 20  
71 <212> TYPE: PRT  
72 <213> ORGANISM: Artificial  
74 <220> FEATURE:  
75 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
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78 <400> SEQUENCE: 4  
80 Ser Gly Gly Ala Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser  
81 1 5 10 15  
84 Gly Gly Gly Ser  
85 20  
88 <210> SEQ ID NO: 5  
89 <211> LENGTH: 20  
90 <212> TYPE: PRT  
91 <213> ORGANISM: Artificial  
93 <220> FEATURE:  
94 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
95 affinity to the Tet repressor"  
97 <400> SEQUENCE: 5  
99 Ser Gly Gly Ala Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Ala Ser  
100 1 5 10 15  
103 Gly Gly Gly Ser  
104 20  
107 <210> SEQ ID NO: 6  
108 <211> LENGTH: 20  
109 <212> TYPE: PRT  
110 <213> ORGANISM: Artificial  
112 <220> FEATURE:  
113 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
114 affinity to the Tet repressor"  
116 <400> SEQUENCE: 6  
118 Ser Gly Gly Ala Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ala  
119 1 5 10 15  
122 Gly Gly Gly Ser  
123 20  
126 <210> SEQ ID NO: 7  
127 <211> LENGTH: 20  
128 <212> TYPE: PRT  
129 <213> ORGANISM: Artificial  
131 <220> FEATURE:  
132 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
133 affinity to the Tet repressor"  
135 <400> SEQUENCE: 7  
137 Ser Gly Gly Ala Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser  
138 1 5 10 15  
141 Gly Arg Gly Ser  
142 20  
145 <210> SEQ ID NO: 8

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/594,262

DATE: 10/10/2006  
TIME: 14:51:56

Input Set : A:\PTO.KD.txt  
Output Set: N:\CRF4\10102006\J594262.raw

146 <211> LENGTH: 20  
147 <212> TYPE: PRT  
148 <213> ORGANISM: Artificial  
150 <220> FEATURE:  
151 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
152 affinity to the Tet repressor"  
154 <400> SEQUENCE: 8  
156 Ser Gly Gly Ala Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser  
157 1 5 10 15  
160 Asp Gly Gly Leu  
161 20  
164 <210> SEQ ID NO: 9  
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166 <212> TYPE: PRT  
167 <213> ORGANISM: Artificial  
169 <220> FEATURE:  
170 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
171 affinity to the Tet repressor"  
173 <400> SEQUENCE: 9  
175 Ser Gly Gly Ala Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser  
176 1 5 10 15  
179 Gly Glu Gly Ser  
180 20  
183 <210> SEQ ID NO: 10  
184 <211> LENGTH: 20  
185 <212> TYPE: PRT  
186 <213> ORGANISM: Artificial  
188 <220> FEATURE:  
189 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
190 affinity to the Tet repressor"  
192 <400> SEQUENCE: 10  
194 Ser Gly Gly Ala Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser  
195 1 5 10 15  
198 Gly Gly Gly Trp  
199 20  
202 <210> SEQ ID NO: 11  
203 <211> LENGTH: 20  
204 <212> TYPE: PRT  
205 <213> ORGANISM: Artificial  
207 <220> FEATURE:  
208 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
209 affinity to the Tet repressor"  
211 <400> SEQUENCE: 11  
213 Ser Gly Gly Ala Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser  
214 1 5 10 15  
217 Gly Gly Cys Ser  
218 20  
221 <210> SEQ ID NO: 12  
222 <211> LENGTH: 20

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/594,262

DATE: 10/10/2006  
TIME: 14:51:56

Input Set : A:\PTO.KD.txt  
Output Set: N:\CRF4\10102006\J594262.raw

223 <212> TYPE: PRT  
224 <213> ORGANISM: Artificial  
226 <220> FEATURE:  
227 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
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230 <400> SEQUENCE: 12  
232 Ser Gly Gly Ala Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser  
233 1 5 10 15  
236 Gly Gly Asp Ser  
237 20  
240 <210> SEQ ID NO: 13  
241 <211> LENGTH: 20  
242 <212> TYPE: PRT  
243 <213> ORGANISM: Artificial  
245 <220> FEATURE:  
246 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
247 affinity to the Tet repressor"  
249 <400> SEQUENCE: 13  
251 Ser Gly Gly Ala Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser  
252 1 5 10 15  
255 Gly Gly Arg Ser  
256 20  
259 <210> SEQ ID NO: 14  
260 <211> LENGTH: 20  
261 <212> TYPE: PRT  
262 <213> ORGANISM: Artificial  
264 <220> FEATURE:  
265 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
266 affinity to the Tet repressor"  
268 <400> SEQUENCE: 14  
270 Ser Gly Gly Ala Trp Thr Trp Asn Ala Phe Ala Phe Ala Ala Pro Ser  
271 1 5 10 15  
274 Gly Gly Gly Ser  
275 20  
278 <210> SEQ ID NO: 15  
279 <211> LENGTH: 29  
280 <212> TYPE: PRT  
281 <213> ORGANISM: Artificial  
283 <220> FEATURE:  
284 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
285 affinity to the Tet repressor"  
287 <400> SEQUENCE: 15  
289 Ala Val Ser Tyr Thr His Leu Gly Gly Ala Gly Gly Ala Trp Thr Trp  
290 1 5 10 15  
293 Asn Ala Tyr Ala Phe Ala Ala Pro Ser Gly Gly Gly Ser  
294 20 25  
297 <210> SEQ ID NO: 16  
298 <211> LENGTH: 30  
299 <212> TYPE: PRT

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/594,262

DATE: 10/10/2006  
TIME: 14:51:56

Input Set : A:\PTO.KD.txt  
Output Set: N:\CRF4\10102006\J594262.raw

300 <213> ORGANISM: Artificial  
302 <220> FEATURE:  
303 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
304 affinity to the Tet repressor"  
306 <400> SEQUENCE: 16  
308 Ala Val Ser Tyr Thr His Leu Ser Gly Gly Ala Gly Gly Ala Trp Thr  
309 1 5 10 15  
312 Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser Gly Gly Gly Ser  
313 20 25 30  
316 <210> SEQ ID NO: 17  
317 <211> LENGTH: 30  
318 <212> TYPE: PRT  
319 <213> ORGANISM: Artificial  
321 <220> FEATURE:  
322 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
323 affinity to the Tet repressor"  
325 <400> SEQUENCE: 17  
327 Leu Ser Leu Ile His Ile Ser Gly Gly Ala Ser Gly Gly Ala Trp Thr  
328 1 5 10 15  
331 Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser Gly Gly Gly Ser  
332 20 25 30

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/594,262

DATE: 10/10/2006  
TIME: 14:51:57

Input Set : A:\PTO.KD.txt  
Output Set: N:\CRF4\10102006\J594262.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17

**VERIFICATION SUMMARY**

PATENT APPLICATION: **US/10/594,262**

DATE: 10/10/2006

TIME: 14:51:57

Input Set : **A:\PTO.KD.txt**

Output Set: **N:\CRF4\10102006\J594262.raw**

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date